

APPENDIX

Regulatory Basis: 40 CFR 58.10

(a) (1) Beginning July 1, 2007, the state agency shall adopt and submit to the Regional Administrator an annual monitoring network plan which shall provide for the establishment and maintenance of an air quality surveillance system that consists of a network of SLAMS monitoring stations including FRM, FEM, and ARM monitors that are part of SLAMS, NCORE stations, STN stations, State speciation stations, SPM stations.

- Statement of purpose for each monitor
- Evidence that siting/operation of each monitor meets Appendices A, C, D, and E requirements (note: see next section for details)
- Plan shall be made available for public inspection for at least 30 days prior to submission to EPA

(a) (2)

- List of modifications to SLAMS network. Include evidence of public comment (if provided) and identify whether changes were made to the plan subsequent to the comment opportunity.

(a) (3) NCORE: Not relevant until 2009

(b)

- (1) AQS site identification number for each site
- (2) Location of each site: street address and geographic coordinates
- (3) Sampling and analysis method(s) for each measured parameter
- (4) Operating schedule for each monitor
- (5) Any proposals to remove or move a monitoring station within a period of 18 months following plan submittal
- (6) Monitoring objectives and scale of representativeness for each monitor as defined in Appendix D
- (7) Identification of sites suitable and sites not suitable for comparison to the annual PM_{2.5} NAAQS as described in Part 58.30
- (8) MSA, CBSA, CSA or other area represented by the monitor

(c) Document how states and local agencies provide for the review of changes to a PM_{2.5} monitoring network that impact the location of a violating PM_{2.5} monitor or creation/change to a community monitoring zone, including a description of the proposed use of spatial averaging for the purposes of making comparisons to the annual PM_{2.5} NAAQS as set forth in Appendix N to Part 50 of this chapter. The affected state or local agency must document the process for obtaining public comment and include any comments received through the public notification process within their submitted plan.

Expanded List of Information Required for Network Plan Based on 40 CFR 58.10

(a) (1)

– Appendix A

- Precision/Accuracy reports submitted to AQS: Y/N
- Annual data certification submitted: Y/N
- Frequency of flow rate verification for manual PM samplers audit, App A, 3.3.2: e.g. weekly, bi-weekly, monthly? (can be quarterly for high volume samplers)
- Frequency of flow rate verification for automated PM analyzers audit, App A, 3.2.3: e.g. weekly, bi-weekly, monthly?
- Frequency of one-point QC check, App. A, 3.2.1 (gaseous instruments): e.g. daily, weekly, bi-weekly?
- Last Annual Performance Evaluation, App. A, 3.2.2 (gaseous instruments): date
- Last two semi-annual flow rate audits for PM monitors, App A 3.2.4 and 3.3.3 (automated and manual): dates
- PEP audits: date
- NPAP audit: date

– Appendix C

- Instrument/monitoring method for each monitor: instrument model
- Start date for each monitor: date

- Appendix D
 - Monitoring objective for each monitor (same as (b) (6)): list objective
 - Spatial scale of representativeness for each monitor (same as (b) (6)): list scale
 - Sampling season: dates
 - Network meets minimum number of monitors required?
 - For each pollutant consider MSA, population, design value, # required, # operating
 - Map displaying location of monitoring sites
- Appendix E
 - For each site:
 - Distance of site from nearest road: meters
 - Traffic count of nearest road: #
 - Groundcover: paved, vegetated, etc.
 - For each monitor:
 - Probe height: meters
 - Distance from supporting structure: meters or N/A
 - Distance from obstructions on roof: meters or N/A
 - Distance from obstructions not on roof: meters or N/A
 - Distance from trees: meters or N/A
 - Distance to furnace or incinerator flue: meters or N/A
 - Distance between collocated monitors: meters or N/A
 - Unrestricted airflow: degrees
 - Probe material (if applicable)
 - Residence time (if applicable): s or N/A
- Statement of purpose for each monitor: provide with site overview
- (a) (2)
 - List of modifications to SLAMS network. Include evidence of public comment (if provided) and identify whether changes were made to the plan subsequent to the comment opportunity.
- (b)
 - (1) AQS site identification number for each site
 - (2) Location of each site: street address and geographic coordinates
 - (3) Sampling and analysis method(s) for each measured parameter
 - (4) Operating schedule for each monitor
 - (5) Any proposals to remove or move a monitoring station within a period of 18 months following plan submittal
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 - (7) Identification of sites suitable and sites not suitable for comparison to the annual PM_{2.5} NAAQS as described in Part 58.30
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- (c) Document how states and local agencies provide for the review of changes to a PM_{2.5} monitoring network that impact the location of a violating PM_{2.5} monitor or creation/change to a community monitoring zone.